


Anti-Stra8 antibody ab49602

★★★★★ 10 Abreviews 76 References 3 图像

概述	
产品名称	Anti-Stra8抗体
描述	兔多克隆抗体to Stra8
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse 预测可用于: Rat, Hamster 
免疫原	Synthetic peptide corresponding to Mouse Stra8 aa 1-100. (Peptide available as ab49601)
阳性对照	IHC-P: Mouse testis tissue. WB: CHO Overexpressing Stra8 (Mouse) Whole Cell Lysate.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising	

agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab49602 于以下的经测试应用

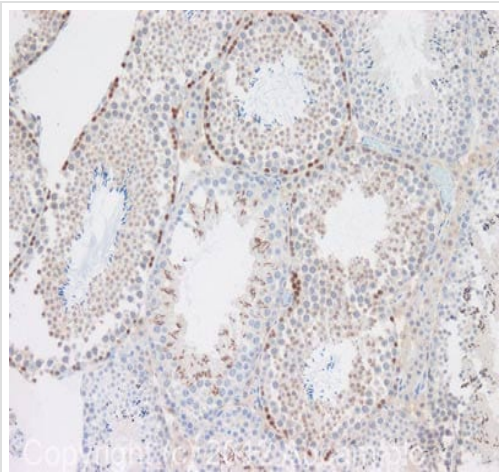
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
IHC-P	★★★★★ (3)	Use a concentration of 0.1 µg/ml. Recommended use at a low concentration otherwise high background staining may be observed
WB	★★★★★ (3)	Use a concentration of 1 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 45 kDa). Ab49602 was tested on a dual-tagged Stra8 (Mouse) overexpression lysate predicted to run at 60 kDa.

靶标

功能	Required for the transition into meiosis for both female and male germ cells. In female germ cells, required for premeiotic DNA replication and subsequent events in meiotic prophase.
组织特异性	Expressed specifically in testis.
翻译后修饰	Phosphorylated.
细胞定位	Cytoplasm.

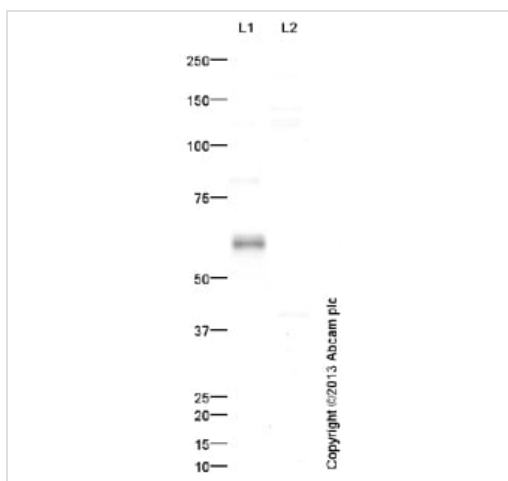
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Stra8 antibody (ab49602)

IHC image of Stra8 staining in mouse testis formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol B. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab49602, 0.1 µg/ml, for 15 mins at room temperature. A goat anti-rabbit biotinylated secondary antibody was used to detect the primary, and visualized using an HRP conjugated ABC system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Western blot - Anti-Stra8 antibody (ab49602)

All lanes : Anti-Stra8 antibody (ab49602) at 1 µg/ml

Lane 1 : CHO Overexpressing Stra8 (Mouse) Whole Cell Lysate

Lane 2 : CHO Negative Control Whole Cell Lysate

Lysates/proteins at 1 µl per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

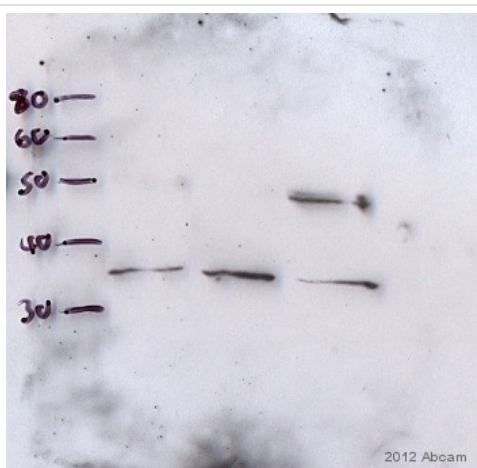
Performed under reducing conditions.

Predicted band size: 45 kDa

Observed band size: 60 kDa

Exposure time: 1 minute

ab49602 was tested on a dual-tagged Stra8 (Mouse) overexpression lysate predicted to run at 60 kDa.



Western blot - Anti-Stra8 antibody (ab49602)

This image is courtesy of an anonymous abreview.

All lanes : Anti-Stra8 antibody (ab49602) at 1/500 dilution

Lane 1 : WT D3 mouse ES cells cultured with LIF.

Lane 2 : WT D3 mouse ES cells cultured without LIF for 24 hours.

Lane 3 : WT D3 mouse ES cells cultured without LIF and with 1uM Retinoic acid for 24 hours.

Lysates/proteins at 200000 cells per lane.

Secondary

All lanes : Non-Abcam antibody was used: goat anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 45 kDa

Observed band size: 48 kDa

Exposure time: 1 minute

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